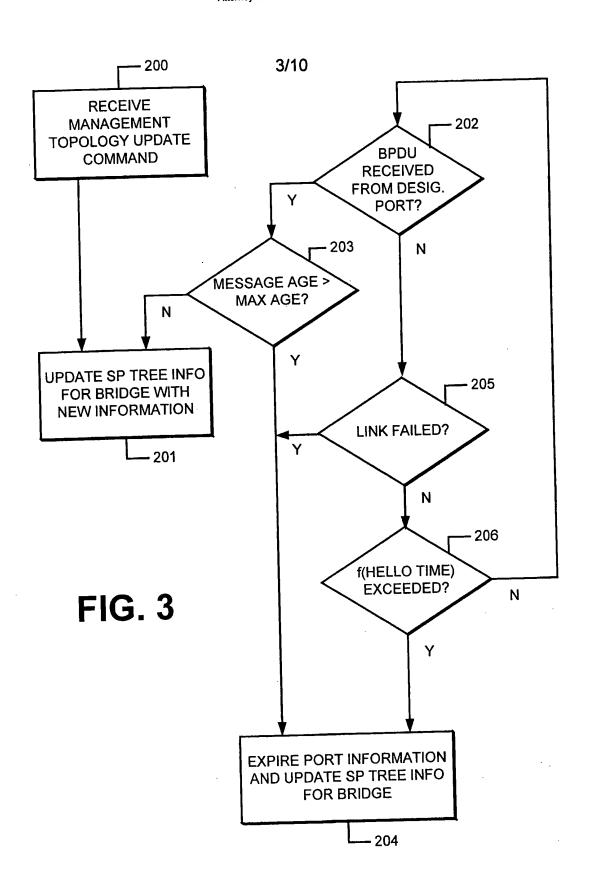


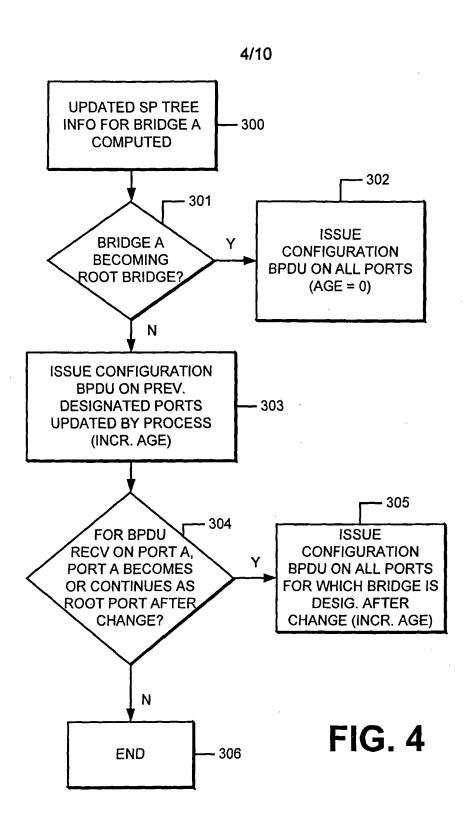
FIG.1

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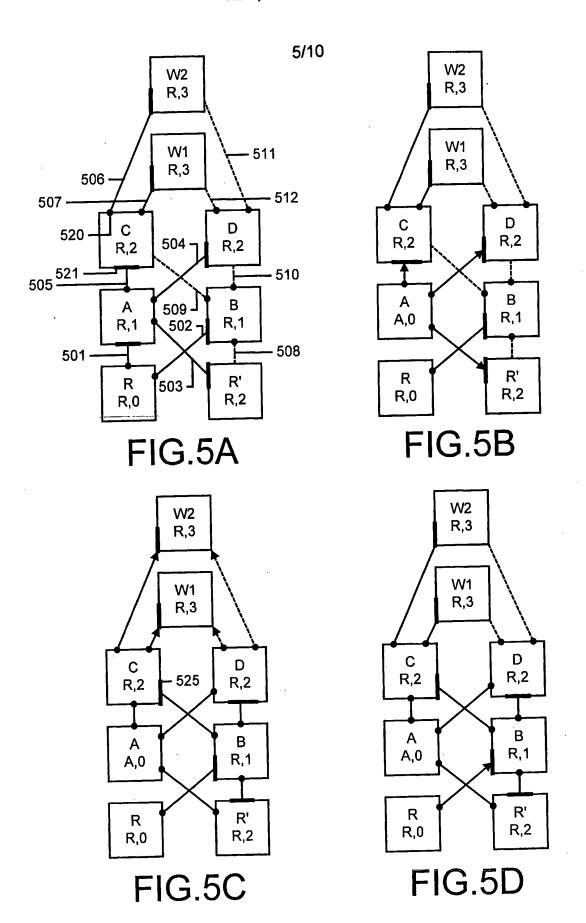
		Octet	
	Protocol Identifier	1 2	2/10
	Protocol Version Identifier	3	
	BPDU Type	4	
-	Flags	5	
	Root Identifier	6 7 8 9 10 11 12 13	
	Root Path Cost	14 15 16 17 18	
	Bridge Identifier	19 20 21 22 23 24 25	
	Port Identifier	26 27	
	Message Age	28 29	
	Max Age	30 31	
	Hello Time	32 33	
	Forward Delay	34 35	

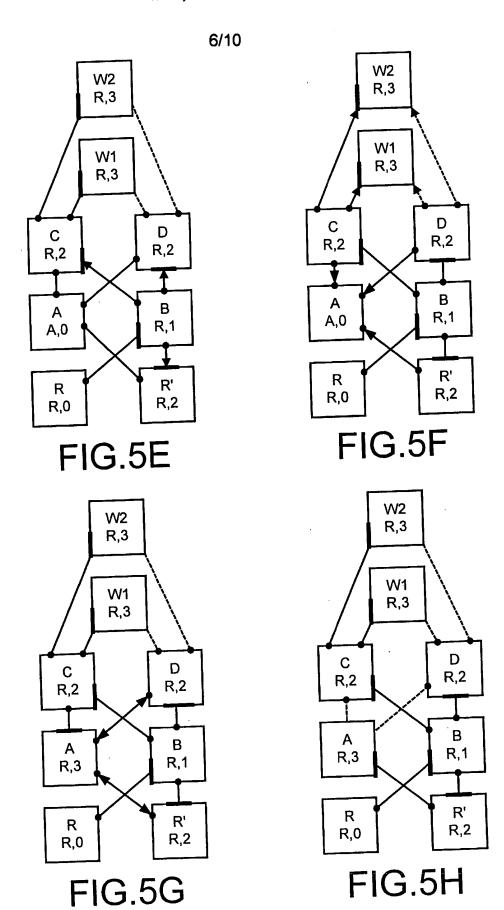
FIG.2 PRIOR ART

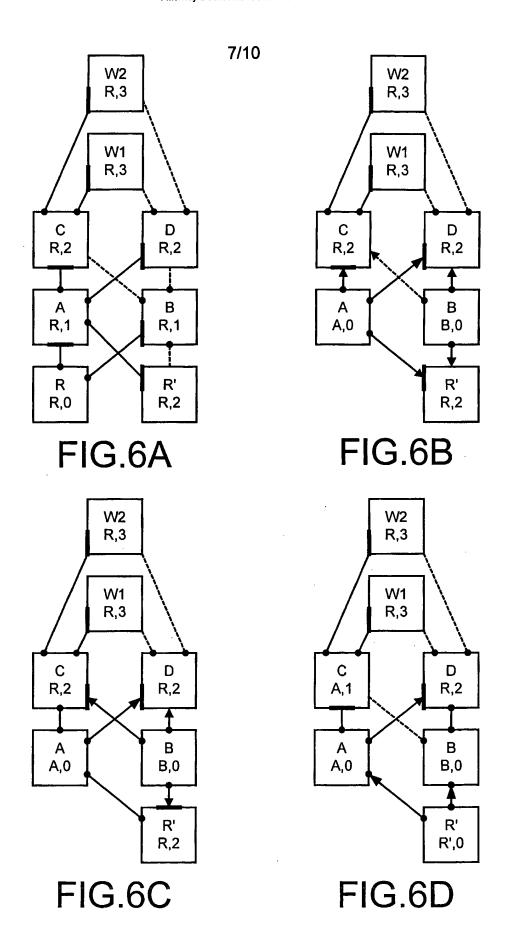




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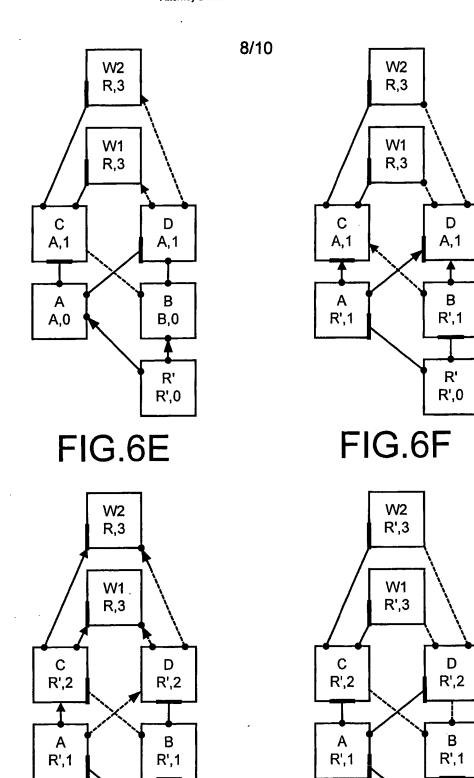


FIG.6G

R'

R',0

FIG.6H

R'

R',0

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Fig. 7A — Port Roles and States, with enhanced transitions for point-to-point networks only

Port Role	Disabled Port	Root Port		Designated Port		Alternate Port
Port State	Disabled	Forwarding	Listening	Learning	Forwarding	Blocking
forwarding?	No	Yes	No	No	Yes	No
learning?	No	Yes	No	Yes	Yes	No
Events			Transitions	itions		
become	X	Disabled	Disabled	Disabled	Disabled	Disabled
disabled						,
become root	X	X	Root Port	Root Port	Root Port	Root Port
port			Forwarding	Forwarding	Forwarding	Forwarding
become	Designated	Designated	X	X	X	Designated
designated 1 10	Listening ^a	Listening ^a				Listening
become	Designated	Designated	X	X	X	Designated
designated211	Listening	Forwarding				Listening
become	×	Alternate	Alternate	Alternate	Alternate	X
alternate12		Blocking	Blocking ^d	$Blocking^d$	Blocking	
forward delay	X	X	Designated	Designated	X	X
timer expiry			Learning ^a	Forwarding		

FIG. 7A

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Title: Spanning Tree with Rapid Propagation of Topology
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Fig. 7B — Port States, with enhanced transitions for point-to-point networks only

forward delay timer expiry	become alternate	become designated2	become designated1	become root port	become disabled	Events	learning?	forwarding?	Port State	
X	X	Listening ^a	Listening	×	X		No	No	Disabled	
Learning	Blocking ^d			Forwarding	Disabled		No	No	Listening	
Forwarding	Blocking			Forwarding	Disabled	Transitions	Yes	No	Learning	
×	Blocking			1	Disabled		Yes	Yes	Forwarding	
×	×	Listening*	Listening*	Forwarding	Disabled		No	No	Blocking	